

Notice of Allowability

Application No.

09/904,022

Examiner

Nigar Chowdhury

Applicant(s)

WILLIS, DONALD HENRY

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/15/08.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION
REASONS FOR ALLOWANCE

Claims 1-10 are allowed.

The following is an examiner's statement of reasons for allowance: The present invention is directed to a storage medium for receiving video segment containing at least one introductory predictive picture containing intra macroblocks.

The following is a statement of reasons for the indication of allowable subject matter: The independent claim 1 identifies the uniquely distinct feature for "receiving said video segment, wherein said video segment contains at least one introductory predictive picture containing intra macroblocks; and selectively converting said at least one introductory predictive picture into an intra picture thereby replacing said at least one introductory predictive picture with said intra picture in said video segment"

Boyce, US 5,726,711, discloses a method and apparatus for generating a fully intra-coded video frame from a received progressive refresh bitstream representing a series of inter-coded video frames. Intra-coded macroblocks of received video frames are identified, selected, processed and stored to facilitate later combination into a single fully intra-coded composite video frame suitable for use during VTR trick play operation.

Uchimi et al, US 6,078,721, discloses a device, at the time of reproducing, the reproduction control portion 35 controls the reproduction selector switch 36 to obtain the

video data from the first storage portion 32 or the second storage portion 33, changing the reproduction mode from ordinary to the rapid forwarding/reversing and vice versa. The specially reproducible video generating portion 34 successively restores coded video data received through the receiving portion 31, encodes again the restored data by intraframe, interframe or still-picture coding method to generate video information to be reproducible in special mode such as reproduction by rapid forwarding or reversing.

None of the prior art, either singularly or in combination, fails to anticipate or render the above underlined limitations obvious. Claims 2-10 are dependent on claim 1 and therefore dependent claims also allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nigar Chowdhury whose telephone number is 571-272-8890. The examiner can normally be reached on 9 AM - 5 PM.

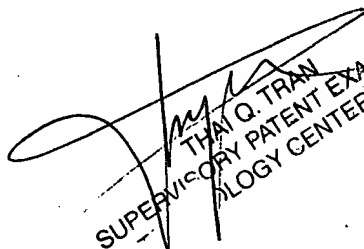
Application/Control Number:
09/904,022
Art Unit: 2621

Page 4

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NC
02/16/2008


THAI Q. TRAN
SUPERVISORY PATENT EXAMINER
BIOLOGY CENTER 2600